## SEQUENCE LISTING

<110> Langermann, Solomon R.

115

Hultgren, Scott J. Hung, Chia-Suei Bouckaert, Julie <120> Mutant Proteins, High Potency Inhibitory Antibodies, and FimCH Crystal Structure <130> 10271-037 <140> <141> <160> 50 <170> PatentIn version 3.0 <210> <211> 726 <212> DNA <213> E. coli <220> <221> CDS <222> (1)...(723) <400> 1 atq aqt aat aaa aac gtc aat gta agg aaa tcg cag gaa ata aca ttc 48 Met Ser Asn Lys Asn Val Asn Val Arg Lys Ser Gln Glu Ile Thr Phe 96 tgc ttg ctg gca ggt atc ctg atg ttc atg gca atg atg gtt gcc gga Cys Leu Leu Ala Gly Ile Leu Met Phe Met Ala Met Met Val Ala Gly 144 cgc gct gaa gcg gga gtg gcc tta ggt gcg act cgc gta att tat ccg Arg Ala Glu Ala Gly Val Ala Leu Gly Ala Thr Arg Val Ile Tyr Pro 192 gca ggg caa aaa caa gtg caa ctt gcc gtg aca aat aat gat gaa aat Ala Gly Gln Lys Gln Val Gln Leu Ala Val Thr Asn Asn Asp Glu Asn agt acc tat tta att caa tca tgg gtg gaa aat gcc gat ggt gta aag 240 Ser Thr Tyr Leu Ile Gln Ser Trp Val Glu Asn Ala Asp Gly Val Lys gat ggt cgt ttt atc gtg acg cct cct ctg ttt gcg atg aag gga aaa 288 Asp Gly Arg Phe Ile Val Thr Pro Pro Leu Phe Ala Met Lys Gly Lys 85 90 aaa gag aat acc tta cgt att ctt gat gca aca aat aac caa ttg cca 336 Lys Glu Asn Thr Leu Arg Ile Leu Asp Ala Thr Asn Asn Gln Leu Pro 100 cag gac cgg gaa agt tta ttc tgg atg aac gtt aaa gcg att ccg tca 384 Gln Asp Arg Glu Ser Leu Phe Trp Met Asn Val Lys Ala Ile Pro Ser

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